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FIG. 1

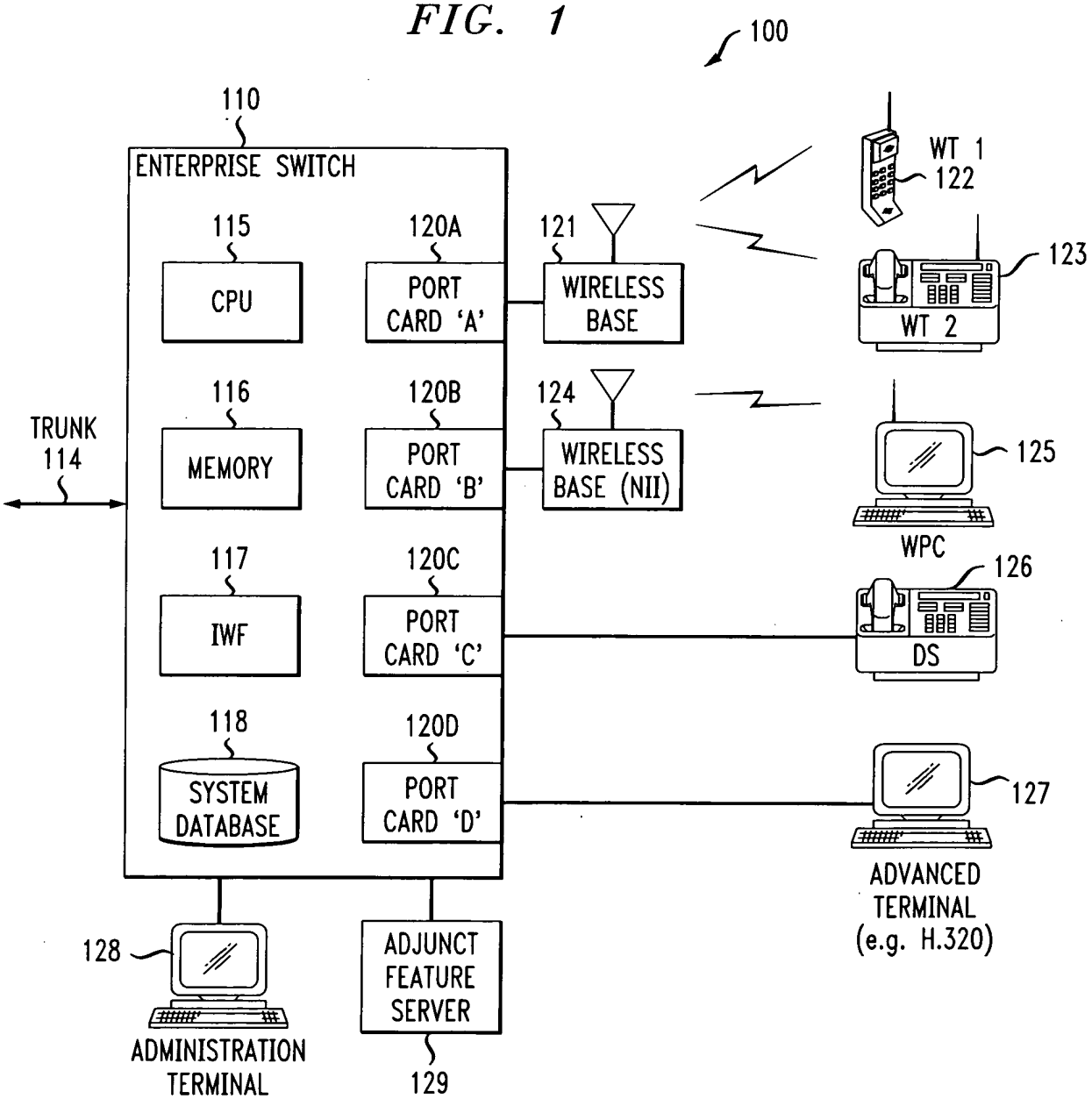

FIG. 2

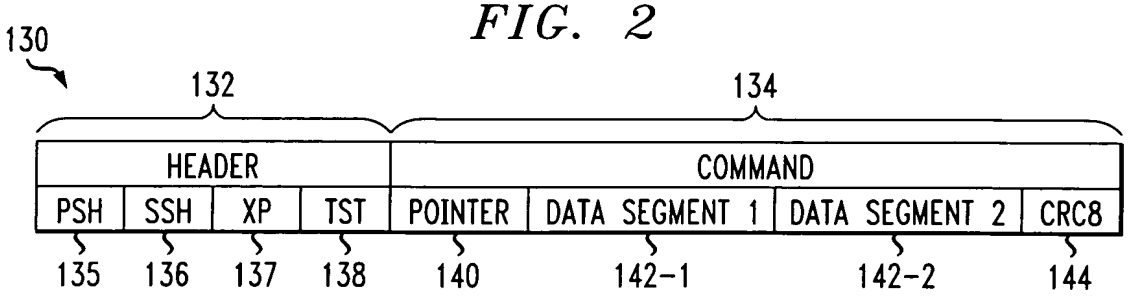

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FIG. 3

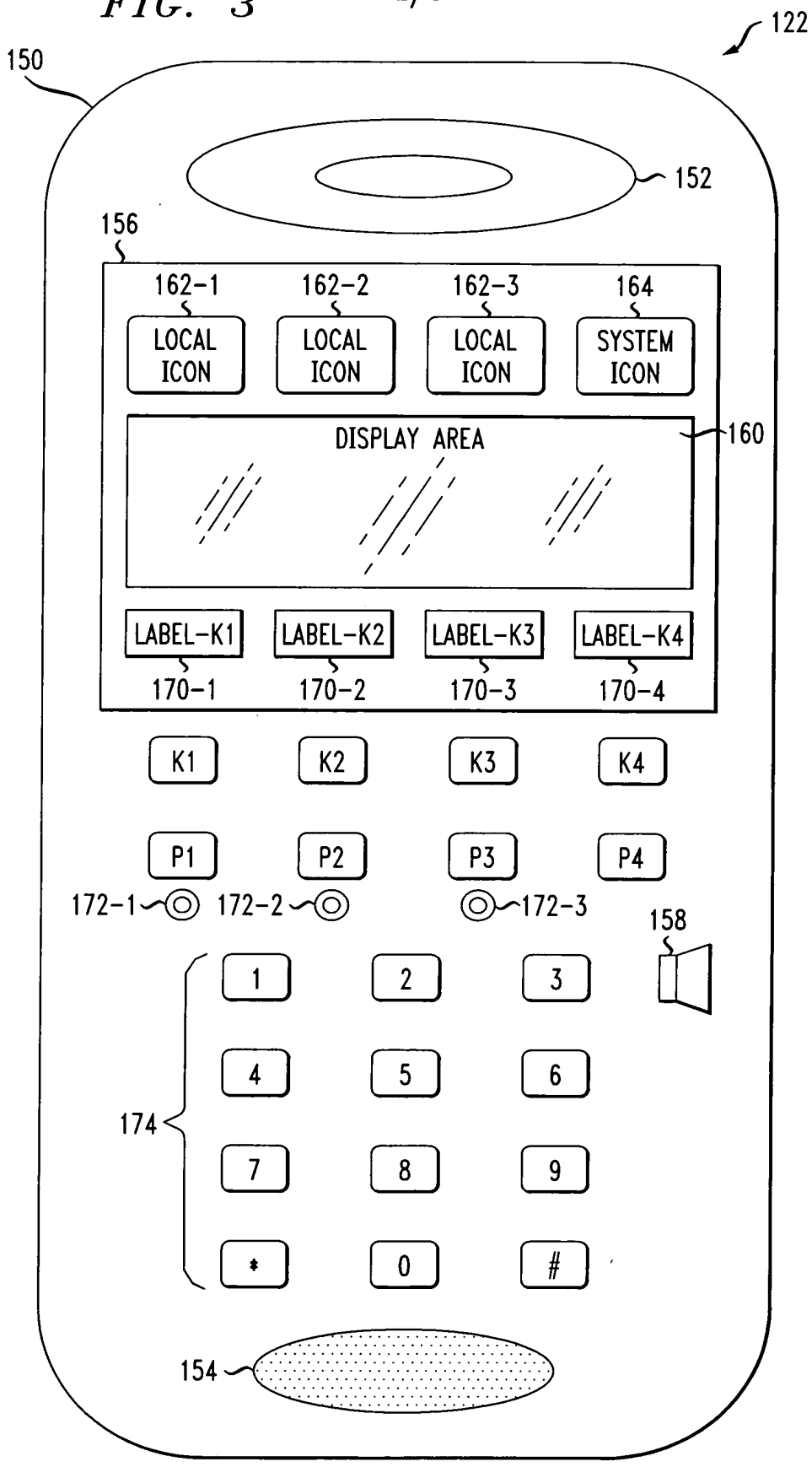

FIG. 4

VALUES (B5 : B8)	OFF HOOK (B1 = 0)								ON HOOK (B1 = 1)							
	TEST OFF (B2 = 0)				TEST ON (B2 = 1)				TEST OFF (B2 = 0)				TEST ON (B2 = 1)			
	CATEGORY (B3 : B4)				CATEGORY (B3 : B4)				CATEGORY (B3 : B4)				CATEGORY (B3 : B4)			
	00	01	10	11	00	01	10	11	00	01	10	11	00	01	10	11
0000	1	16	18	29					41	56	64	75	87			
0001	2		19	30					42	57	65	76	88			
0010	3		20	31					43	58	66	77	89			
0011			21	32						59	67	78				
0100	4		22	33					44	60	68	79	90			
0101	5		23	34					45	61	69	80	91			
0110	6	17	24	35					46	62	70	81	92			
0111	7		25	36					47	63	71	82	93	102		
1000	8		26	37					48		72	83	94			
1001	9		27	38					49		73	84	95			
1010	10		28	39					50		74	85	96		103	
1011	11			40					51			86	97			
1100	12								52				98			
1101	13								53				99			
1110	14								54				100			
1111	15								55				101			

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FIG. 5A

B1: PSH, PRIMARY SWITCH HOOK STATE	
B 1	PRIMARY SWITCH HOOK STATE
0	OFF
1	ON

FIG. 5B

B2: TST, TEST OPERATION	
B 2	TEST OPERATION
0	OFF
1	ON

FIG. 5C

B3-B4: POINTER: CATEGORY OF APPLICATION		
B 3	B 4	APPLICATION
0	0	VISUAL INDICATOR
0	1	AUDIO ALERTER
1	0	DISPLAY PRE-DETERMINED STRING
1	1	DISPLAY DATA STRING

FIG. 5D

B5-B8: VISUAL INDICATOR		
B 5	B 6	INDICATOR ID
0	0	ICON
0	1	LED 1
1	0	LED 2
1	1	LED 3

B 7	B 8	ATTRIBUTES
0	0	OFF (LED & ICON)
0	1	ON (LED & ICON)
1	0	REVERSE VIDEO (ICON) FLASH (LED)
1	1	FAST BLINK (LED)

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FIG. 5E

B5-B8: AUDIO ALERTER				
B5	B6	B7	B8	ALERTING PATTERN
0	0	0	0	ALERT OFF
0	0	0	1	PATTERN 1
0	0	1	0	PATTERN 2
0	0	1	1	PATTERN 3
0	1	0	0	PATTERN 4
0	1	0	1	PATTERN 5
0	1	1	0	CALL WAITING PATTERN
0	1	1	1	TEST PATTERN
1	0	0	0	NOT USED
1	0	0	1	NOT USED
1	0	1	0	NOT USED
1	0	1	1	NOT USED
1	1	0	0	NOT USED
1	1	0	1	NOT USED
1	1	1	0	NOT USED
1	1	1	1	NOT USED

FIG. 5F

B5-B8: DISPLAY PRE-DETERMINED STRING				
B5	B6	B7	B8	PRE-DETERMINED DISPLAY STRING
0	0	0	0	CLEAR DISPLAY
0	0	0	1	DISPLAY STRING 1
0	0	1	0	DISPLAY STRING 2
0	0	1	1	DISPLAY STRING 3
0	1	0	0	DISPLAY STRING 4
0	1	0	1	DISPLAY STRING 5
0	1	1	0	DISPLAY STRING 6
0	1	1	1	DISPLAY STRING 7
1	0	0	0	DISPLAY STRING 8
1	0	0	1	LOAD DISPLAY STRING
1	0	1	0	DISPLAY TEST STRING
1	0	1	1	NOT USED
1	1	0	0	NOT USED
1	1	0	1	NOT USED
1	1	1	0	NOT USED
1	1	1	1	NOT USED

FIG. 5G

B5-B8: DISPLAY DATA STRING				
B5	B6	B7	B8	DISPLAY CHARACTER
0	0	0	0	(RESERVED)
0	0	0	1	CHARACTER 1
0	0	1	0	CHARACTER 2
0	0	1	1	CHARACTER 3
0	1	0	0	CHARACTER 4
0	1	0	1	CHARACTER 5
0	1	1	0	CHARACTER 6
0	1	1	1	CHARACTER 7
1	0	0	0	CHARACTER 8
1	0	0	1	CHARACTER 9
1	0	1	0	CHARACTER 0
1	0	1	1	(SPACE)
1	1	0	0	NOT USED
1	1	0	1	NOT USED
1	1	1	0	NOT USED
1	1	1	1	NOT USED

BAKER 18-8